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IN THE
UNITED STATES
PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Katefidis
CASE: OST-031145
SERIAL NO.: 10/642,401
FILED ON: August 15, 2003
FOR: BURNER FOR A THERMAL
POST-COMBUSTION DEVICE

STATEMENT OF
BASIS FOR
RELEVANCE OF
FOREIGN
LANGUAGE
DOCUMENTS
IDENTIFIED IN
SUBMITTED PTO-
1449

COMMISSIONER
FOR PATENTS
P.O. Box 1450
Alexandria, VA 22313-1450

ATTENTION OF:

EXAMINER:

Dear Sir:

If any charges or fees must be paid in connection with the following communication, they may be paid out of our Deposit Account No. 50-0545.

<u>Publication Number</u>	<u>Publication Date</u>	<u>Basis for Relevance</u>
CH 499 748	January 15, 1971	This patent relates to a whirl muffle burner having a central supply of oil and/or gas. A lance 4 of the burner provides the fuel and is surrounded by an annular passage 50 receiving air from a conduit 3. This air is entering a head chamber 2 in tangential direction. The air is given momentum by momentum means 11 and will exit from the annular passage 50 as a whirl and intensive the mix with the fuel atomized by the atomizer nozzle 6. There is a second annular passage way 10 including an axially adjustable portion 15 and being provided with means 12 imparting momentum to the air flowing through the annular passage way 10. The tangential

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DE 44 06 369 A1

August 31, 1995

velocity component of the air exiting the central annular passage way 50 is larger than the tangential velocity component of the air exiting the outer annular passage way 40.

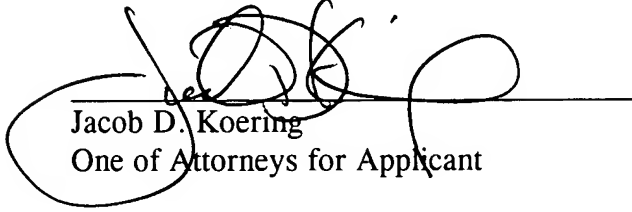
The equipment has passages (3) which supply the preheated carrier medium current, and that pipes the fuel in gas-or vapour-form necessary for combustion for the pollutants. The passages run parallel to the axial direction in one combustion-chamber end wall (1), and in which they are evenly spaced. Radial branch passages (7) emanate from each fuel feed pipe (8) which is concentric inside its respective passage. The annular chamber between the hub (15) containing the fuel pipe and the passage contains swirl-inducting vanes (4), at the vacuum side of which the branch passages discharge. Each passage with its branch passages can form an individual burner (2), all of these being of the same dimensions.

Should anything further be required, a telephone call to the undersigned at (312) 226-1818 is respectfully invited.

Respectfully submitted,

FACTOR & LAKE, LTD.

Dated: July 1, 2004



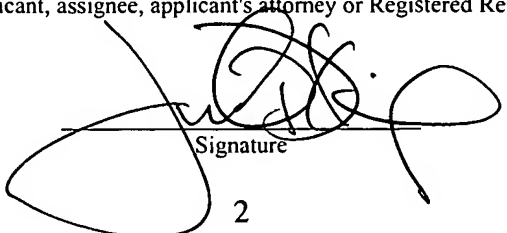
Jacob D. Koering
One of Attorneys for Applicant

CERTIFICATE OF MAILING

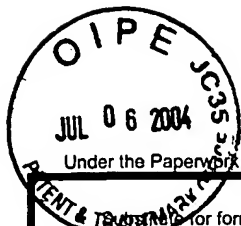
I hereby certify that this correspondence is being deposited with the United States Patent Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on July 1, 2004.

Jacob D. Koering

Name of Applicant, assignee, applicant's attorney or Registered Representative



Signature



Form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Application Number	10/642,401
Filing Date	08/15/2003
First Named Inventor	Katefidis
Art Unit	
Examiner Name	
Attorney Docket Number	OST-031145

Sheet

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of

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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US-5,494,437	02/27/1996	Kubota et al.	
		US-			
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
		CH 499 748	01/15/1971			
		DE 44 06 369 A1	08/31/1995			
		EP 0 738 854 A2	10/23/1996	Tokyo Gas Co., Ltd.		

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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